

DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Adam L.K. Philipp (Reg. No. 42,071) on 26 October 2009.

This application has been amended as follows:

IN THE CLAIMS

Cancel claim 4 and 32.

Replace claim 1, 5, 8, 9, 11, 17, 19, 23, 27, 33 and 34 as follows.

1. (Currently Amended) A computer implemented method of delivering digital media, the method comprising:

a computer receiving digital media from a first device;

the computer receiving a selection of a plurality of dynamically installable transcoding modules, including a file format module and at least one of a compression module and an encryption module;

the computer dynamically installing the selected plurality of dynamically installable transcoding modules;

the computer transforming the digital media in accordance with the selected transcoding modules, wherein the transformed digital media comprises an output file containing encrypted or compressed data; and

the computer generating digital rights management system rules, and writing the generated digital rights management system rules to the output file according to a first digital rights management technique via a transcoding module; and

the computer delivering the transformed digital media to a second device.

5. (Currently Amended) The method of Claim 1, wherein a consumer selects said plurality of transcoding modules and wherein the computer is a client device.

8. (Currently Amended) A computer implemented method of distributing digital media, the method comprising:

a computer receiving a selection of at least one of a plurality of dynamically installable transcoding modules;

the computer receiving a plurality of digital data files, the files utilizing a plurality of different file format types;

the computer receiving a selection of a plurality of file format types;

the computer reformatting the files via the selected at least one of the dynamically installable transcoding modules and in accordance with the format types;

the computer receiving a user selection of a first digital rights management dynamically installable transcoding module, the first digital rights management transcoding module being one of a plurality of pre-determined digital rights management transcoding modules;

the computer dynamically installing the selected plurality of dynamically installable transcoding modules;

the computer encrypting the reformatted files according to the selected digital rights management transcoding module and generating output files containing encrypted data; and

the computer generating digital rights management system rules, and writing the generated digital rights management system rules to the reformatted output files according to the first digital rights management transcoding module;

the computer transmitting the encrypted files to a plurality of consumers.

9. (Currently Amended) The method of Claim 8, wherein at least one of the received files is protected by a second digital rights management system, and further comprising decrypting the at least one file in accordance with the first digital rights management system prior to reformatting the at least one file via a transcoding module and wherein the computer is a client device.

11. (Currently Amended) A computer implemented method of encoding data, the method comprising:

a computer receiving an identifier of an input file, the input file containing input data;
the computer determining a first file format type used in the input data via a first transcoding module, the first file format type being one of a plurality of pre-determined file format types;

the computer receiving an identifier of a first digital rights management dynamically installable transcoding module, the first digital rights management transcoding module being one of a plurality of pre-determined digital rights management transcoding modules;

the computer dynamically installing the selected dynamically installable transcoding modules;

the computer retrieving unencrypted data from the input file;

the computer encrypting the unencrypted data according to the first digital rights management system;

the computer receiving an identifier of a second file format type for use in an output file, the second file format type being one of a plurality of pre-determined file format types; and

the computer creating the output file according to the second file format type via a second transcoding module, wherein the output file contains the encrypted data;

the computer retrieving digital rights management rules from the input file;

the computer mapping the retrieved digital rights management rules according to rules of the first digital management system; and

the computer writing the mapped digital rights management rules to the output file.

17. (Currently Amended) The method of Claim 44 1, ~~further comprising~~ wherein said generating digital rights management system rules, ~~and writing the generated digital rights management system rules to the output file according to the first digital rights management technique via a transcoding module~~ comprise a decryption key.

19. (Currently Amended) A computer implemented method of handling digital media, the method comprising:

a computer receiving electronic data encrypted according to a first digital rights management system via a transcoding module;

the computer receiving a selection of one from a plurality of digital rights management dynamically installable transcoding modules to be applied to the data, wherein the first digital rights management transcoding module and the selected digital rights management transcoding module are different;

the computer decrypting said encrypted electronic data via a dynamically installable transcoding module;

the computer dynamically installing the selected plurality of dynamically installable transcoding modules; and

the computer creating an output file containing said encrypted electronic data;

the computer generating digital rights management system rules, and writing the generated digital rights management system rules to the output file according to the first digital rights management technique via a transcoding module; and

the computer re-encrypting said electronic data in said output file, in accordance with said selected digital rights management transcoding module.

23. (Currently Amended) A system for protecting digital presentations via a digital rights management system, the system comprising:

a module configured to interact via a first storage device storing an input data file;

a module configured to interact via a second storage device;

a translation driver;

a digital rights management dynamically installable transcoding module encryption library, accessible by the translation driver, the encryption library comprising a plurality of modules, each module configured to encrypt data according to a particular digital rights management technique;

a file format type dynamically installable transcoding module library, accessible by the translation driver, the file format type transcoding module library comprising a plurality of modules, each module configured to read data using a different file format type;

a file writer dynamically installable transcoding module library, accessible by the translation driver, the file writer transcoding module library comprising a plurality of modules, each module configured to write to a different file format type;

a dynamically installable transcoding software module configured to:

determine a first file format type of the input file;
obtain input data from the input file using a file format class corresponding to the first file format;
select a first digital rights management encrypting module from the plurality comprising the digital rights management transcoding modules library;
encrypt the input data according to the first digital rights management system encrypting class;
determine a second file format type for a data output file; and
write the data output file containing the newly-encrypted data to the second storage device using a file writer module corresponding to the second file format type;
and
dynamically installing the selection of a plurality of dynamically installable transcoding modules; and
the computer generating digital rights management system rules, and writing the generated digital rights management system rules to the data output file according to a first digital rights management technique via a transcoding module.

27. (Currently Amended) A computer readable storage medium containing computer-executable instructions ~~which, when executed, perform the method comprising:~~ for:-

a file reading dynamically installable transcoding module configured to:
receive an identifier of an input file, the input file containing input data;
determine a first file format type used in the input file, the first file format type being one of a plurality of pre-determined file format types;
a decryption transcoding dynamically installable module configured to:

receive an identifier of a first digital rights management technique, the first digital rights management technique being one of a plurality of pre-determined digital rights management techniques;

an encryption transcoding module configured to:

- retrieving unencrypted data from the input data file;
- encrypting the unencrypted data according to the first digital rights management techniques;

a file writing dynamically installable transcoding module configured to:

- receive an identifier of a second file format type, the second file format type being one of a plurality of pre-determined file format types;
- creating an output file according to the second file format type, wherein the output file contains the encrypted data; ~~and~~

an installation technique for dynamically installing the selection of a plurality of dynamically installable transcoding modules[.];

the computer retrieving digital rights management rules from the input file;

the computer mapping the retrieved digital rights management rules according to rules of the first digital management technique; and

the computer writing the mapped digital rights management rules to the output file.

33. (Currently Amended) A system for protecting digital presentations via a digital rights management system, the system comprising:

- a module configured to interact via a first storage device storing an input data file;
- a module configured to interact via a second storage device;
- a translation driver;

a digital rights management dynamically installable transcoding module encryption library, accessible by the translation driver, the encryption library comprising a plurality of modules, each module configured to encrypt data according to a particular digital rights management technique;

a file format type dynamically installable transcoding module library, accessible by the translation driver, the file format type transcoding module library comprising a plurality of modules, each module configured to read data using a different file format type;

a file writer dynamically installable transcoding module library, accessible by the translation driver, the file writer transcoding module library comprising a plurality of modules, each module configured to write to a different file format type;

a dynamically installable transcoding software module configured to:

determine a first file format type of the input file;

obtain input data from the input file using a file format class corresponding to the first file format;

select a first digital rights management encrypting module from the plurality comprising the digital rights management transcoding modules library;

encrypt the input data according to the first digital rights management system encrypting class module;

determine a second file format type for a data output file;

map digital rights management rules according to rules of the first digital rights management encrypting module; and

write the mapped digital rights management rules to the data output file;

write the data output file containing the newly-encrypted data to the second storage device using a file writer module corresponding to the second file format type;

dynamically installing the selection of a plurality of dynamically installable transcoding modules;

a compression format library, accessible by the translation driver, the compression format library comprising a plurality of classes, each class configured to create a module configured to compress data according to a particular compression technique;

a decompression format library, accessible by the translation driver, the media decompression format library comprising a plurality of classes, each class configured to create a module configured to decompress data according to a particular decompression technique;

the transcoding software module being further configured to:

determine a first compression format used by the input file;

decompress the input data using a decompression class corresponding to the first compression format;

determine a second compression format for use by the output file; and

compress the input data using a compression class corresponding to the second compression format.

34. (Currently Amended) A computer readable storage medium containing instructions which, when executed, perform the method comprising:

a file reading dynamically installable transcoding module configured to:

receive an identifier of an input file, the input file containing input data;

determine a first file format type used in the input file, the first file format type being one of a plurality of pre-determined file format types;

a decryption transcoding dynamically installable module configured to:

receive an identifier of a first digital rights management technique, the first digital rights management technique being one of a plurality of pre-determined digital rights management techniques;

an encryption transcoding module configured to:

- retrieving unencrypted data from the input data file;
- encrypting the unencrypted data according to the first digital rights management techniques;

a file writing dynamically installable transcoding module configured to:

- receive an identifier of a second file format type, the second file format type being one of a plurality of pre-determined file format types;
- creating an output file according to the second file format type, wherein the output file contains the encrypted data;

an installation technique for dynamically installing the selection of a plurality of dynamically installable transcoding modules;

a second decryption transcoding module configured to receive an identifier of a second digital rights management system, the second digital rights management system being one of a plurality of pre-determined digital rights management systems, wherein retrieving unencrypted data from the input file comprises decrypting input data according to the rules of the second digital rights management transcoding modules;

- retrieving digital rights management rules from the input file;
- mapping the retrieved digital rights management rules according to rules of the first digital management system;

writing the mapped digital rights management rules to the output file.

Allowable Subject Matter

Claims 1 – 3, 5 – 31, 33 and 34 are allowed.

The following is an examiner's statement of reasons for allowance:

The above mentioned claims are allowable over prior arts because the CPA (Cited Prior Art) of record fails to teach or render obvious the claimed limitations in combination with the specific added limitations recited in claims 1, 8, 11, 19, 23, 27, 33 and 34 (& associated dependent claims).

The present invention is directed to a method for delivering digital media, the method comprising a computer receiving a digital data file from a first device; the computer receiving a selection of a plurality of transcoding modules, including a file format module and at least one of a compression module and an encryption module. No singular art disclosing, nor motivation to combine has been found to anticipate or render obvious the claimed invention that the computer dynamically installing the selected plurality of dynamically installable transcoding modules and the computer transforming the digital media in accordance with the selected transcoding modules, wherein the transformed digital data file comprises an output file containing encrypted or compressed data; the computer generating digital rights management system rules, and writing the generated digital rights management system rules to the output file according to a first digital rights management technique via a transcoding module; and the computer delivering the transformed digital data file to a second device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LONGBIT CHAI whose telephone number is (571)272-3788. The examiner can normally be reached on Monday-Friday 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William R. Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Longbit Chai/

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